Claims

Claims 1-18 (Canceled)

19. (New) A molded container for liquid infusion, said container comprising a plurality of walls including a first side wall and a second wall, two collapsible walls each being disposed in between the first side wall and the second side wall, a bottom wall configured for standing upright, and a shoulder portion having a port for filling fluid into or discharging fluid out of an interior cavity defined by the plurality of walls, wherein the bottom wall comprises an interior wall surface and an exterior wall surface and a fold line separating the interior wall surface into a first interior section and a second interior section; and wherein portions of the first interior section and the second interior section of the bottom wall move closer to one another and portions of the exterior wall surface of the bottom wall are disposed outwardly away from the interior cavity when the container collapses.

20. (New) The container of claim 19, wherein the fold line is formed by a weakened portion in the bottom wall.

21. (New) The container of claim 20, wherein the two collapsible walls each comprises two or more fold lines.

22. (New) The container of claim 21, wherein the fold lines are arranged in a group such that they form an accordion-like folding.

23. (New) The container of claim 19, wherein the bottom wall further comprises a transverse fold that moves outward during flattening.

24. (New) The container of claim 19, wherein the two collapsible walls each comprises a fold line that extends as a longitudinal fold from the bottom wall into the shoulder portion.

25. (New) The container of one of claim 19, wherein when the container is filled, the container contains a volume of air of at most 15% of the container volume.

26. (New) The container of claim 19, wherein the filling volume of the container is 1 ml to 5000 ml.

27. (New) The container of claim 19, wherein the port comprises a pierceable membrane.

28. (New) The container of claim 19, wherein the bottom wall comprises a projecting suspension lug.

29. (New) A method for manufacturing a molded standing container for infusion liquids comprising the steps:

extruding a preform of a polymer material; and

expanding the preform by blow molding to form the container, the container comprising a plurality of walls defining an interior cavity, including a plurality of side walls and a bottom wall, the bottom wall comprising a fold line comprising a weakened portion configured so that portions of the bottom wall move radially away from the interior cavity when the container collapses.

30. (New) The method of claim 29, wherein the plurality of walls are made with a wall thickness of about 0.1 mm to about 0.7 mm.

31. (New) The method of claim 29, wherein the container is transparent and the transparency is increased by axially stretching the preform.

32. (New) The method of claim 29, wherein the preform is a multi-layer preform comprising an overall wall thickness.

33. (New) The method of claim 32, wherein at least one of the layers is a layer of adhesive agent.

34. (New) The method of claim 32, wherein at least one of the layers is made from a polyamide or an ethylene/vinyl alcohol material.

35. (New) The method of claim 32, wherein an outer layer is made of a polyamide or a polyester material.

36. (New) The method of claim 32, wherein 40% to 70% of the overall wall thickness is made up by an inner layer, 10% by a barrier layer and at least one layer of adhesive agent, and an outer layer of remaining balance of thickness.

37. (New) A method for filling a container of claim 19 with infusion liquid, characterized in that the container is impressed after molding to reduce its volume and is filled and closed in this state, the impressing providing for a backup volume for receiving a supplementary volume injected later.

38. (New) A molded container for liquid infusion, said container comprising a plurality of side walls, a bottom wall comprising an exterior surface and an interior surface, and a shoulder portion of reduced cross-section forming a discharge end; said plurality of side walls comprising means for collapsing at least two of said side walls; and said bottom wall comprising means for folding such that portions of the exterior surface project outwardly away from a cavity defined by the plurality of side walls.

39. (New) The container of claim 38, wherein the plurality of side walls are integrally formed.

40. (New) The container of claim 38, wherein the plurality of side walls are made from a multi-layer preform.

41. (New) The container of claim 38, wherein the discharge end comprises two ports.